



Success Story – Betanox 2594

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ADOR WELDING LIMITED

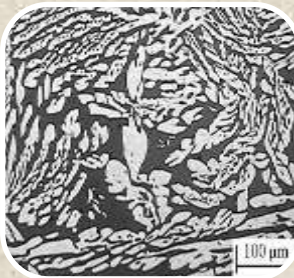
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About Betanox 2594

Superduplex Stainless Steel Electrodes



1. Non synthetic electrode
2. Austenitic-Ferritic Microstructure
3. Resistant to pitting corrosion and SSC chloride environment



1. Welding of super duplex stainless steels UNS S 32750, S 32760, SFA 2507, Zeron 100 and Casting alloys
2. Pipe work systems, flow lines, risers, manifolds, process equipment for use in offshore oil and gas industries, chemical and petrochemical plant

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Origin and Challenges

Customer Name – Sueeraa global – Coimbatore

- *Manufactures exotic grades castings of steels, duplex and Super Duplex Stainless Steel and Nickel Alloys*
- *Approached customer with our general purpose electrodes*
- *Understood almost 5 Crores of business for special consumables mentioned above*

Challenges

- *Strong hold of our Competitor D and H Secheron*
- *Mindset of quality personal and welders of the customer*
- *Long follow-up - got entry for the trial C-Series low alloy steel electrodes and Duplex and Superduplex Stainless Steel electrodes*
- *All electrodes passed PQR but our Betanox 2594 did not met the requirement of the customers*

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Approval of Betanox 2594

- *Betanox 2594 is our Super Duplex stainless steel electrodes which we had suggested the customer for the repair welding of duper duplex casting of 5A/CE3MN.*
- *This casting used for the valves of Desalination equipments*
- *Our product met the technical requirement of Pitting corrosion, Impact and tensile properties*
- *But got rejected by the welders due to sticky slag after welding*
- *We then contacted to TDC regarding the issue as we had to compete D and H 2594 NS with respect to welding performance*
- *In a week of time we received modified samples of Betanox 2594 from TDC*
- *And again conducted the trial of the Product*
- *This time welding was fantastic in terms of its burning characteristics.*
- *Welders and quality personal of the customer was impressed*
- *And we started selling this product to the customer*

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Approval of Betanox 2594

Volume – Customer has three units. In one unit we are selling 3500 Kgs of Betanox 2994

Value - 50L

Initial Submitted Samples – Sticky Slag



After Submitted Samples – Easy slag removal



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PASSION FOR WELDING SINCE 1951



(Formerly Advani-Oerlikon Ltd.)



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